



MD 140 (REISTERSTOWN RD)

FRANKLIN HIGH SCHOOL DRWY

REISTERSTOWN SHOPPING CENTER

MACADAM MEDIAN

EXISTING UNDERGROUND INTERCONNECT TO CARAWAY ROAD

EXISTING UNDERGROUND INTERCONNECT TO FRANKLIN BLVD

RIGHT OF WAY LINE

DRIVE THRU LANE

THERE IS A HANDHOLE LOCATED WITHIN THIS BREAK 130' NORTH OF THE P.I. OF FRANKLIN HIGH SCHOOL DRIVEWAY

THERE IS A HANDHOLE LOCATED WITHIN THIS BREAK 229' SOUTH OF THE P.I. OF REISTERSTOWN SHOPPING CENTER

CONSTRUCTION DETAILS

- Install 10' (18" breakaway coupling foundation STD No. 801.01-01) pedestal pole with countdown pedestrian signal heads and APS pushbutton with pedestrian education sign. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend).
- Install proposed LED signal head as shown.
- Install proposed LED Module in existing signal head as shown.
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 12" white heat applied preformed thermoplastic pavement marking. (Crosswalk) (Note: Contractor shall remove existing crosswalk.)
- Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline) (Note: Contractor shall remove existing stopline.)
- Install proposed parallel handicap ramp (STD. No. MD 655.12) with detectable warning surface (STD. No. MD 655.40).
- Install Proposed school sign on wood post as shown.
- Contractor shall remove existing pedestal pole along with all pedestrian signal equipment and foundation 12" below grade and backfill.
- Remove existing signal head as shown.
- Remove existing overhead sign (R10-12) as shown.
- Remove existing pedestrian head and pushbutton from mast arm pole as shown.
- Use existing handhole.
- Use existing conduit.
- Use existing cabinet and controller.
- Maintain existing underground electrical service.
- Install Proposed Handicap Ramp as shown. (See Inset "A").

GENERAL NOTES:

- All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
- All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections, Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 816.01, MD 816.02, and MD 816.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. All crosswalks shall be centered on handicap ramps or median cut throughs.
- Pushbuttons are to be located so that they can be activated by a person in a wheelchair reaching less than 18" from a 60"x 60" level landing area with a cross slope of less than or equal to 2%.
- The 10' separation between pushbuttons is to be measured from face of pushbutton to face of pushbutton, not center to center of pole.
- Pushbutton arrows are to be parallel to the crossing for which they are intended.
- Location of Accessible Pedestrian signal pushbuttons must meet location requirements of MUTCD Sec. 4E.09 and Fig. 4E.2 and the NCHRP publication, Accessible Pedestrian Signals: Guide to Best Practices. If not met, the Contractor is to stop work on pushbutton locations until a design waiver is obtained, approved by the Director, Office of Traffic and Safety.
- The contractor shall remove all unused wiring.

GEOMETRIC LEGEND

PROPOSED ———

EXISTING - - - - -

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A — A —

ELECTRIC — E — E —

TELEPHONE — T — T —

GAS — G — G —

SEWER — S — S —

WATER — W — W —

CABLE TV — TV — TV —

REVISION "E"

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APPROVALS

TEAM LEADER _____

ASST. DIV. _____

DIVISION CHIEF _____

OFFICE DIRECTOR _____

REVISIONS

① INSTALL APS, CPS and LED 5/4/09

SIGNAL HEADS

SHA# XX4275105

JWA 2-29-00

ASBUILT

RRZ _____

10/8/98

SIGNAL MODIFICATION FOR NEW ACCESS TO FRANKLIN HIGH SCHOOL

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 140 (REISTERSTOWN ROAD) AND FRANKLIN HIGH SCHOOL

REISTERSTOWN, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 6/11/73 CONTRACT NO. _____

DESIGNED BY S. RENZI COUNTY BALTIMORE

DRAWN BY J. GORDON LOGMILE 03014008.17

CHECKED BY _____ TMS NO. J340

F.A.P. NO. _____ TOD NO. _____

TS NO. 943E DRAWING NO. 1 OF 2 SHEET NO. OF